

**IN THE ABSTRACT**

~~The invention relates to a~~ A helical antenna comprising at least one helix which is formed by at least two radiating wires~~—(31)—~~. According to the invention, at least one of said radiating wires is associated with a parasitic wire~~—(34)—~~ having a width which is less than or equal to the radiating wire(s), such as to broaden the bandwidth of the antenna.